

# Converting Colors

Hex(B8658D)

Have a look what the booklet for  
Hex(B8658D) contains.

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# Color

Hex(**B8658D**)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B8658D
RGB	184, 101, 141
RGB Percent	72%, 40%, 55%
CMY	0.2784, 0.6039, 0.4471
CMYK	0.00, 0.45, 0.23, 0.28
HSL	331°, 37%, 56%
HSV	331°, 45%, 72%
XYZ	29.2286, 21.4208, 27.7934
YIQ	130.3770, 36.6280, 30.0360

# Conversions

## Conversions Part 2

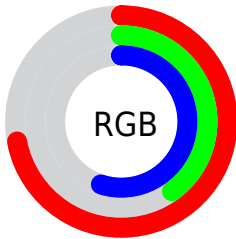
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 101, 141
Decimal	12084621
CIELab	53.41, 38.32, -7.20
CIELCh	53, 38.992, 349.356
Yxy	21.4208, 0.3726, 0.2731
Android (android.graphics.Color)	4290274701 (0xFFB8658D)
YUV	130.3770, 5.2371, 47.0274
Hunter-Lab	46.2826, 31.7324, -3.2067

# Details

The Hex color **B8658D** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **65B890**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **F29AC3**, and **81325B** is the 20% darker color. If you saturate the color by 10%, you get **B85383**, and if you desaturate by 10%, it is **B87797**.

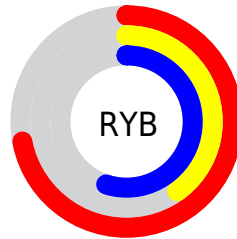
# Distribution



Red (72%)

Green (40%)

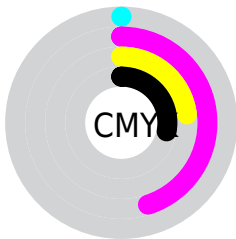
Blue (55%)



Red (72%)

Yellow (40%)

Blue (55%)

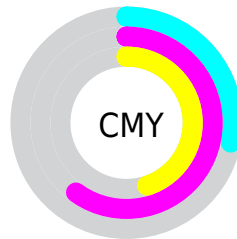


Cyan (0%)

Magenta (45%)

Yellow (23%)

Black (28%)



Cyan (28%)

Magenta (60%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8658D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B8658D by changing the saturation by 10% instead.



 B8658D

 B8658D

FFFFFF

 9C4C73

 F29AC3

 81325B

 FFB5DF

 661943

 FFD1FB

 4C002D

 FFEEFF

 340019

 160000

 000000

 B8658D

 B8658D

 B85383

 B87797

 B8407A

 B88AA0

 B82E70

 B89CAA

 B81B67

 B8AFB3

 B8095D

 B8C1BD

 B80059

 B8D3C6

 B8E6D0

 B8F8D9

 B8FFE3

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9D6EAC



B8658D



BF656B

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B8658D



7E843E



008EB2

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B8658D



65B890

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



009195



B8658D



588C52

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B8658D



9E7A3C



1C9072



2287C1

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B8658D



BA6A57



1C9072



008FA9



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B8658D



F0CEDE



9065B8



78636D



F7F7F7



787878



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B8658D



F06EAD



B86665



5C5357



9C004B



1C000E



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B8658D



F06EAD



65B7B8



5C5357



9C004B

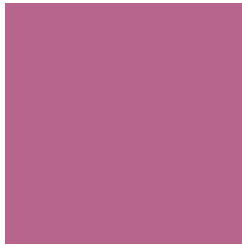


1C000E



# Previews

## White Background



This preview shows how the Hex color B8658D looks on a white background.

## Color Contrast Check

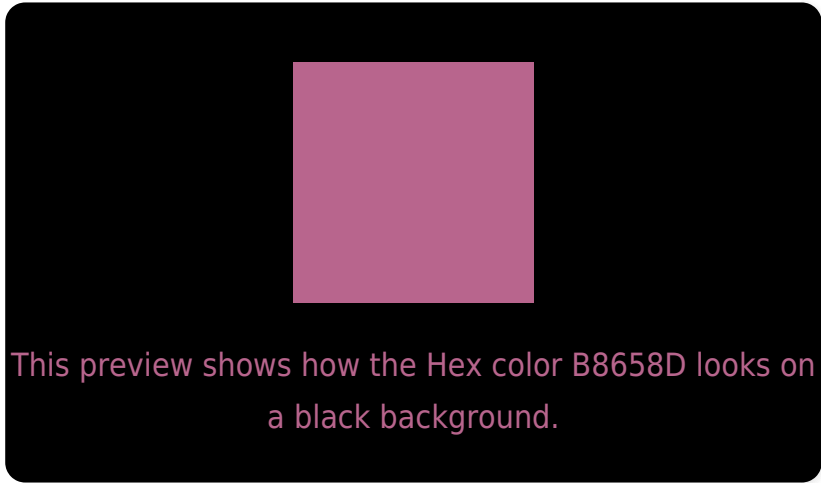
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

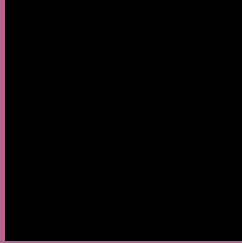
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B8658D Background



This preview shows how black text looks on a background with the Hex color B8658D.



This preview shows how white text looks on a background with the Hex color B8658D.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

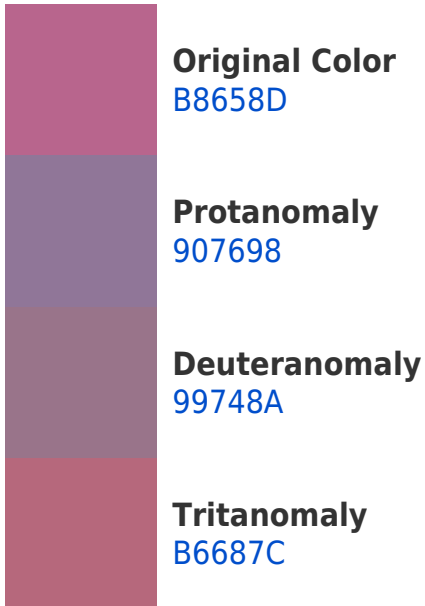
## Dichromacy





**Tritanopia**  
B56A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8658D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B8658D looks like.

```
.text, #text, p{  
    color:#B8658D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B8658D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8658D
}
```

## Border

The CSS property to change the border of an element to Hex B8658D is called "border". The border property can be set on classes, ids or directly on the HTML element.

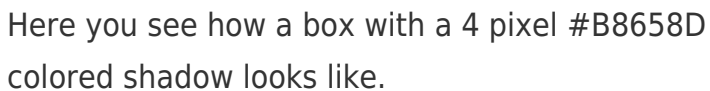
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B8658D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B8658D }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #B8658D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8658D; -webkit-box-shadow:4px 4px  
4px 4px #B8658D; box-shadow:4px 4px 4px  
4px #B8658D }
```

# Background

The CSS property to change the background color of an element to Hex B8658D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8658D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B8658D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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